REMARKS

Applicants respectfully request reconsideration of this application as amended. Claims 20 through 38 are pending in this application. Claims 1 through 19 were previously cancelled without prejudice to their subsequent prosecution.

SPECIFICATION ISSUES

In the Office Action, at paragraph 3, the abstract of the specification was objected to. Applicants have amended the abstract of the specification to overcome this objection.

In the Office Action, at paragraph 4, paragraph 21 on page 10 of the specification was objected to. Applicants have amended this paragraph of the specification to overcome this objection.

CLAIM OBJECTION ISSUES

In the Office Action, at paragraph 5, claim 33 was objected to. Applicants have amended claim 33 to overcome this objection.

Assignee: Intel Corporation

SECTION 103 ISSUES

In the Office Action, at paragraph 9, claim 20 stands rejected under 35 U.S.C. §103(a) as being anticipated by Redford, U.S. patent number 5,870,581 (hereinafter *Redford*) in view of Intel "IA-64 Application Developer's Architecture Guide" of May 1999 (hereinafter *Intel*). Applicants respectfully traverse.

Redford does not disclose any features of an "out of order" processor (OOP) as discussed in the present disclosure. Furthermore, *Redford* does not disclose any use of registers as part of a register-renaming scheme as would be used in an OOP, as further discussed in the present disclosure.

Intel discloses aspects of conventional IA-64 "Itanium" ® processors. *Intel* does not disclose any features of an "out of order" processor (OOP) as discussed in the present disclosure. Furthermore, *Intel* does not disclose any use of registers as part of a register-renaming scheme as would be used in an OOP, as further discussed in the present disclosure

Applicants have amended independent claim 20 to now read in pertinent part "a first register file of a plurality of register files to be assigned for register renaming in an out-of-order processor to store predicate values." This amended language now makes claim 20 more clearly not anticipated by *Redford* or by *Intel*, either by themselves or in combination. Applicants submit that claim 20 is now patentable over the *Redford* and *Intel* references.

Assignee: Intel Corporation

In the Office Action, at paragraphs 12 and 15, claims 27 and 34 also stand rejected under 35 U.S.C. §103(a) as being anticipated by *Redford* in view of *Intel.*

Applicants have also amended the other independent claims, claim 27 and claim 34, to recite similar language to that cited above in claim 20. This amended language now makes claims 27 and 34 more clearly not anticipated by *Redford* or by *Intel,* either by themselves or in combination. Applicants submit that claims 27 and 34 are now patentable over the *Redford* and *Intel* references.

As all other claims, claims 21 – 26, claims 28 – 33, and claims 35 – 38 depend from independent claims 20, 27, and 34, respectively, and since independent claims 20, 27, and 34 are shown to be patentable over the *Redford* and *Intel* references, applicants further submit that all pending claims 20 through 38 are now patentable over the *Redford* and *Intel* references.

In the Office Action, at paragraph 17, claims 23, 24, 30, 31, 36, and 37 stand rejected under 35 U.S.C. §103(a) as being anticipated by *Redford* in view of *Intel,* and further in view of Hennessy and Patterson "Computer Architecture – A Quantitative Approach, 2nd Edition" 1996 (hereinafter *Hennessy*). Applicants submit that this rejection is now moot in view of the amendments to the independent claims 20, 27, and 34, and in view of the arguments above.

In the Office Action, at paragraph 24, claims 25, 26, 32, 33, and 38 stand rejected under 35 U.S.C. §103(a) as being anticipated by

Redford in view of *Intel*, and further in view Nojiri, U.S. Patent No.

5,179,685 (hereinafter *Nojiri*). Applicants submit that this rejection is

now moot in view of the amendments to the independent claims 20, 27,

and 34, and in view of the arguments above.
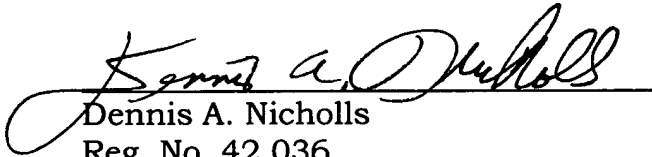
Assignee: Intel Corporation

SUMMARY

Applicants believe that all pending claims are allowable over the cited art of record. Applicants therefore respectfully request that all pending claims 20 through 38 be allowed.

If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact applicants' representative, Dennis A. Nicholls, at (408) 765-5789.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

Date: May 12, 2005

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